

DARCY TURIN

Master's graduate in Geomatics, specializing in GIS, remote sensing, and spatial data analysis. Skilled in creating reproducible workflows in ArcGIS, R, and Python, and research and intelligence data interpretation. Combines analytical, cross-cultural, and communication skills to support collaborative research and decision-making in government and organizational contexts.

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EDUCATION

MASTER OF GEOMATICS IN ENVIRONMENTAL MANAGEMENT (MGEM)

 University of British Columbia

 Aug. 2024 – May 2025

- Coursework in spatial statistics, data analysis, GIS modeling, and data visualization
- Capstone project applying advanced geospatial analysis for long-term change detection

B.A. INTERNATIONAL RELATIONS, MINOR IN RUSSIAN

 University of British Columbia

 Sep. 2017 – May 2021

KENNEDY-LUGAR YES ABROAD SCHOLAR

 Druga Gimnazija

 Aug. 2017 – June 2018

SKILLS

GIS & REMOTE SENSING: QGIS, ENVI, StoryMaps, ArcGIS Pro, eCognition, Google Earth Engine

PROGRAMMING & DATA ANALYSIS: R, SQL, Excel, Python

OTHER TOOLS: MS Word, MS PowerPoint, OSINT methods, FME (familiar)

CERTIFICATIONS: CPR, Wilderness First Responder

PROJECTS

Applying Declassified Cold War Intelligence Imagery for Long-Term Forest Cover Change Analysis

UBC MGEM

 Sept. 2024 - April 2025

- Designed and implemented a hybrid remote sensing workflow to classify forest cover using declassified panchromatic Cold War and modern multispectral imagery in the Pamir Mountains, Tajikistan
- Collaborated with supervisors to conduct data requirement analysis, documentation, and model validation, ensuring accuracy and alignment with project goals
- Created reproducible R, Google Earth Engine, and GIS workflows to apply segmentation, texture metrics, and supervised Random Forest classifiers to detect land cover types in challenging mixed terrain
- Quantified forest cover change over 45 years, with implications for environmental monitoring and land use analysis in conflict-affected regions
- Communicated results through visualizations, reports, and presentations for interdisciplinary audiences

WORK EXPERIENCE

Stewart, Aulinger & Company

Legal Assistant

 Aug. 2023 – Mar. 2024

- Managed estate files, maintained relationships with beneficiaries, and ensured accuracy in trust accounting using LEAP legal software
- Drafted and reviewed contracts, agreements, and other legal documents for commercial transactions
- Conducted legal research, filed annual reports, and maintained minute books for over 200 corporations

WORK EXPERIENCE *(continued)*

- **Stanley Park Brewpub and Restaurant** Host and Server
📅 Feb. – Aug. 2023
 - Managed reservations and guest flow using OpenTable
 - Processed transactions and orders through Squirrel POS system
 - Coordinated with kitchen and bar staff to ensure smooth restaurant operations and excellent service
- **Mount Seymour Resort** Guest Experience Representative
📅 Dec. 2021 – Apr. 2022
 - Provided customer support via email, chat, and in person
 - Resolved inquiries related to ticketing, lessons, and resort information
 - Managed sensitive customer and sales data across multiple platforms
- **Ramah in the Rockies** Jewish Outdoor Leadership Institute Guide
📅 May – Aug. 2021
 - Led backpacking and backcountry trips for high school students
 - Developed and taught outdoor and Jewish education curricula focused on group dynamics and community building
 - Responded to medical, social, and emotional challenges effectively
- **United States Department of Defense** Geospatial Analysis Intern
📅 Jun. – Aug. 2018, Jun. – Aug. 2019
 - Analyzed imagery and geospatial data to produce intelligence reports
 - Conducted open-source research to contextualize analytical results
 - Recommended improvements in resource utilization based on organizational capabilities

VOLUNTEER EXPERIENCE

- **Vancouver Botanical Gardens Association** Philanthropy Volunteer
📅 Mar. – Sep. 2023
 - Supported fundraising campaigns by integrating internal tools for data synchronization
 - Managed Van Dusen's Adopt-A-Tree program by updating garden maps and donor records
 - Utilized Donor Perfect CRM software to track contributions and generate reports
- **Scholars at Risk** Scholars in Prison Advocate & Conference Organizer
📅 Jan. – Apr. 2021
 - Led advocacy campaigns for imprisoned scholars
 - Coordinated an international academic freedom conference
 - Conducted media outreach, including a radio interview
- **Asia Pacific Foundation of Canada** Election Watch Team Member
📅 Sep. – Nov. 2019
 - Analyzed Sri Lanka's political landscape for campaign developments
 - Designed graphics and social media posts for APF's platforms